

REPORT TO NTEP COMMITTEE*

January 2000

| Activity | 1995 | 1996** | 1997 | 1998 | 1999 |
|---|------|--------|------|------|------|
| Number of Applications Received ¹ | 328 | 386 | 387 | 321 | 335 |
| Number of Mutual Recognition Applications Received | 32 | 38 | 68 | 68 | 61 |
| Number of Type Evaluations Performed ² | 253 | 300 | 316 | 311 | 250 |
| Number of Activities Assigned ³ | 449 | 574 | 652 | 598 | 528 |
| Number of CCs that became EFFECTIVE | 260 | 310 | 299 | 253 | 338 |
| Number of CCs ISSUED | 188 | 322 | 279 | 260 | 345 |
| Number of Requests WITHDRAWN | 76 | 80 | 81 | 52 | 86 |
| Average Time (weeks) to Perform Activities for Successful⁴ Type Evaluations | | | | | |
| "Date Assigned" to "Equipment Received" | 10 | 10 | 8 | 11 | 8 |
| "Equipment Received" to "Type Evaluation Complete" | 8 | 7 | 6 | 7 | 7 |
| Type Evaluation Complete" to "CC Effective" | 5 | 6 | 2 | 4 | 8 |
| "CC Effective" to "To NIST" | 19 | 16 | 14 | 9 | 12 |
| "To NIST" to "CC Issued" | 8 | 7 | 9 | 8 | 6 |
| "Date Assigned" to "CC Issued" | 55 | 43 | 44 | 36 | 47 |

* This report is designed to show the amount of activity in all the labs involved in the National Type Evaluation Program. In July 1998 a new database was put into operation. While all information from the old database was converted into the new database, some old records may be incomplete.

** 1996 figures may be inflated due to government furlough in 1995.

¹ 3 OIML Applications

² Beginning in 1994, if a device failed a type evaluation (i.e., an actual lab or field test), it was entered as a new type evaluation. Previous to 1994, multiple failures of the same device were still considered as a single type evaluation. A re-test is considered a new type evaluation.

³ Many type evaluations and applications require the assignment of multiple labs in order to accomplish *one* evaluation. In past years, one request was recorded as one laboratory doing the work regardless of how many labs were involved in the evaluation. Additionally, multiple tests may need to be performed in order to accomplish one evaluation. For example, the range of capacities of a load cell family may include testing one capacity in California, one by the Force Group at NIST, and the CC may be drafted by someone in the Office of Weights and Measures at NIST. Thus, three (3) activities were necessary for this particular load cell family to get a CC. Additionally, if a device fails type evaluation one (1) time and had to be re-tested, two (2) activities were necessary to result in one CC.

⁴ An evaluation in which the device does not fail at any point.

PARTICIPATING LABORATORIES EVALUATION

| Activity | CA | MD | NY | OH | FG | NIST | OTHER | TOTA |
|---|----|----|----|-----|----|------|-------|------------------|
| Number of Applications Received | | | | | | | | |
| 1995 | 55 | 34 | 23 | 60 | 23 | 97 | 36 | 328 |
| 1996 | 75 | 29 | 29 | 68 | 17 | 138 | 30 | 386 ¹ |
| 1997 | 62 | 36 | 27 | 100 | 30 | 103 | 29 | 387 |
| 1998 | 52 | 25 | 32 | 74 | 21 | 78 | 28 | 321 |
| 1999 | 44 | 28 | 18 | 56 | 11 | 149 | 29 | 335 |
| Number of Type Evaluations² Performed | | | | | | | | |
| 1995 | 56 | 49 | 34 | 73 | 12 | 3 | 26 | 253 |
| 1996** | 62 | 85 | 31 | 80 | 9 | 1 | 32 | 300 |
| 1997 | 72 | 56 | 46 | 93 | 21 | -- | 28 | 316 |
| 1998 | 71 | 51 | 38 | 100 | 24 | 3 | 24 | 311 |
| 1999 | 52 | 45 | 28 | 77 | 23 | 6 | 19 | 250 |
| Number of Paper Updates³ Issued | | | | | | | | |
| 1995 | 1 | -- | -- | -- | | 55 | 2 | 58 |
| 1996 | 2 | -- | 1 | 1 | | 90 | -- | 94 |
| 1997 | 11 | 2 | 3 | 3 | | 76 | -- | 95 |
| 1998 | 5 | -- | 2 | 12 | | 59 | 1 | 79 |
| 1999 | 12 | 1 | 1 | 2 | | 133 | -- | 149 |
| Number of Effective Certificates | | | | | | | | |
| 1995 | 49 | 12 | 16 | 58 | 15 | 87 | 23 | 260 |
| 1996 | 49 | 22 | 13 | 49 | 18 | 124 | 35 | 310 |
| 1997 | 51 | 15 | 18 | 66 | 17 | 111 | 21 | 299 |
| 1998 | 31 | 13 | 10 | 82 | 17 | 76 | 24 | 253 |
| 1999 | 53 | 23 | 12 | 52 | 17 | 158 | 23 | 338 |
| Number of Certificates Issued | | | | | | | | |
| 1995 | 37 | 7 | 8 | 36 | 7 | 78 | 15 | 188 |
| 1996 | 59 | 18 | 18 | 73 | 22 | 110 | 22 | 322 |
| 1997 | 42 | 23 | 19 | 66 | 10 | 86 | 33 | 279 |
| 1998 | 37 | 14 | 10 | 79 | 18 | 73 | 29 | 260 |
| 1999 | 56 | 10 | 13 | 57 | 24 | 162 | 23 | 345 |

¹ Number may be inflated due to government furlough in December 1995.

² Type Evaluation indicates an actual lab or field test.

³ A paper update includes any activity that does not require testing, i.e., private labeling requests, error corrections, non-metrological changes to CC, etc.

**There was a discrepancy in the manner in which the participating labs recorded data; the results, therefore, may be skewed.